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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fermin
Art Unit	3746
Examiner Name	CASAREGOLA, Louis J.
Attorney Docket Number	0145.001

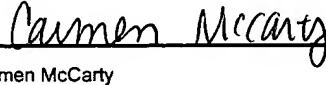
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Heisler & Associates		
Signature			
Printed name	Bradley P. Heisler		
Date	3-11-05	Reg. No.	35,892

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Carmen McCarty	Date	3-14-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

180.00

Complete If Known

Application Number	10/716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fermin
Examiner Name	CASAREGOLA, Louis J.
Art Unit	3746
Attorney Docket No.	0145.001

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Order None Other (please identify): _____

 Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**Each claim over 20 (including Reissues) Fee (\$) Small EntityEach independent claim over 3 (including Reissues) Fee (\$) Small EntityMultiple dependent claims Fee (\$) Small Entity

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
- 20 or HP =	x	=		<u>Fee (\$)</u> <u>Small Entity</u>

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u> <u>Small Entity</u>
- 3 or HP =	x	=		<u>Fee (\$)</u> <u>Small Entity</u>

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number) x		=

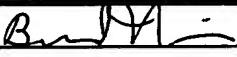
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information disclosure statementFees Paid (\$)

180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 35,892	Telephone 916-781-6634
Name (Print/Type)	Bradley P. Heisler	Date	3-11-05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/716,004
Applicant : VITERI, Fermin
Filed : November 17, 2003
TC/A.U. : 3746
Examiner : CASAREGOLA, Louis J.

Docket No. : 0145.001

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the requirements of 37 C.F.R. §§1.97 and 1.98, the undersigned requests that the information contained herein be considered by the Office. This information is supplemental to the information submitted on July 29, 2004.

REMARKS

The information to be considered includes a form PTO/SB/08A listing references in accordance with 37 C.F.R. §1.98.

This document is filed after a first Office action on the merits of this case. Should the examiner have any questions upon his review of the above information, the undersigned requests that the examiner contact the undersigned by phone.

Respectfully Submitted:



Bradley P. Heisler
Applicant's Attorney
Telephone (916) 781-6634
Registration No.: 35,892

3-11-05
Date

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MAR 17 2005

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

11

Complete if Known

Application Number	10/716,004
Filing Date	11/17/2003
First Named Inventor	VITERI, Fermin
Group Art Unit	3746
Examiner Name	CASAREGOLA, Louis J.
Attorney Docket Number	.0145.001

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		864,017		Miller	08-20-1907	
		886,274		Tate	04-28-1908	
		1,013,907		Taylor	01-09-1912	
		1,227,275		Kraus	05-22-1917	
		1,372,121		Davis	03-22-1921	
		1,820,755		McMullen	08-25-1931	
		1,828,784		Perrin	10-27-1931	
		2,004,317		Forster	06-11-1935	
		2,033,010		Russell	03-03-1936	
		2,078,956		Lysholm	05-04-1937	
		2,168,313		Bichowsky	08-08-1939	
		2,218,281		Ridder	10-15-1940	
		2,359,108		Hoskins	09-26-1944	
		2,368,827		Hanson	02-06-1945	
		2,374,710		Smith	05-01-1945	
		2,417,835		Moore	03-25-1947	
		2,428,136		Barr	09-30-1947	
		2,469,238		Newton	05-03-1949	
		2,476,031		Farkas	07-12-1949	
		2,478,682		Blackwood	08-09-1949	

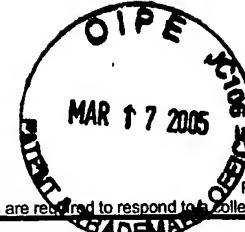
Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/716,004
Sheet	2	of	11	Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	,0145.001

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		2,487,435		Goddard	11-08-1949	
		2,523,656		Goddard	09-26-1950	
		2,547,093		Ray	04-03-1951	
		2,563,028		Goddard	08-07-1951	
		2,568,787		Bosch	09-25-1951	
		2,582,938		Eastman	01-15-1952	
		2,605,610		Hermitte	08-05-1952	
		2,621,475		Loy	12-16-1952	
		2,636,345		Zoller	04-28-1953	
		2,654,217		Rettaliate	10-06-1953	
		2,656,677		Peterson	10-27-1953	
		2,662,373		Sherry	12-15-1953	
		2,678,531		Miller	05-18-1954	
		2,678,532		Miller	05-18-1954	
		2,697,482		Blizard	12-21-1954	
		2,717,491		Barr	09-13-1955	
		2,722,100		Goddard	11-01-1955	
		2,763,987		Kretschmer	09-25-1956	
		2,770,097		Walker	11-13-1956	
		2,832,194		Kuhner	04-29-1958	

Examiner Signature	Date Considered
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PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	3	of	11	Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	,0145.001

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
		2,869,324		Foote	01-20-1959	
		2,884,912		Lewis	05-05-1959	
		2,916,877		Walter	12-15-1959	
		2,986,882		Pavlecka	06-06-1961	
		3,038,308		Fuller	06-12-1962	
		3,054,257		Schelp	09-18-1962	
		3,101,592		Robertson	08-27-1963	
		3,134,228		Wolansky	05-26-1964	
		3,183,864		Stengel	05-18-1965	
		3,238,719		Harslem	03-08-1966	
		3,298,176		Forsyth	01-17-1967	
		3,302,596		Zinn	02-07-1967	
		3,315,467		DeWitt	04-25-1967	
		3,331,671		Goodwin	07-18-1967	
		3,335,565		Aguet	08-15-1967	
		3,359,723		Bohensky	12-26-1967	
		3,385,381		Calaman	05-28-1968	
		3,423,028		Stupakis	01-21-1969	
		3,459,953		Hughes	08-05-1969	
		3,559,402		Stone	02-02-1971	

Examiner Signature	Date Considered
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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p>Complete if Known</p>	
				Application Number	10/716,004
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Sheet	4	of	11	Attorney Docket Number	,0145.001

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
		3,574,507		Kydd	04-13-1971	
		3,608,529		Smith	09-28-1971	
		3,649,469		MacBeth	03-14-1972	
		3,657,879		Ewbank	04-25-1972	
		3,677,239		Elkins	07-18-1972	
		3,693,347		Kydd	09-26-1972	
		3,702,110		Hoffman	11-07-1972	
		3,703,807		Rice	11-28-1972	
		3,731,485		Rudolph	05-08-1973	
		3,736,745		Karig	06-05-1973	
		3,738,792		Feng	06-12-1973	
		3,747,336		Dibelius	07-24-1973	
		3,751,906		Leas	08-14-1973	
		3,722,881		Lange	11-20-1973	
		3,779,212		Wagner	12-18-1973	
		3,792,690		Cooper	02-19-1974	
		3,804,579		Wilhelm	04-16-1974	
		3,807,373		Chen	04-30-1974	
		3,826,080		DeCorso	07-30-1974	
		3,831,373		Flynt	08-27-1974	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
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				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	,0145.001
Sheet		5	of	11	

U.S. PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		3,850,569		Alquist	11-26-1974	
		3,854,283		Stirling	12-17-1974	
		3,862,624		Underwood	01-28-1975	
		3,862,819		Wentworth	01-28-1975	
		3,928,961		Pfefferle	12-30-1975	
		3,972,180		Van Gelder	08-03-1976	
		3,978,661		Cheng	09-07-1976	
		3,980,064		Ariga	09-14-1976	
		3,982,878		Yamane	09-28-1976	
		4,063,414		Sata	12-20-1977	
		4,118,925		Sperry	10-10-1978	
		4,133,171		Earnest	01-09-1979	
		4,148,185		Somers	04-10-1979	
		4,193,259		Muenger	03-18-1980	
		4,194,890		McCombs	03-25-1980	
		4,199,327		Hempill	04-22-1980	
		4,224,299		Barber	09-23-1980	
		4,224,991		Sowa	09-30-1980	
		4,249,371		Romeyke	02-10-1981	
		4,271,664		Earnest	06-09-1981	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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First Named Inventor	VITERI, Fermin														
Group Art Unit	3746														
Examiner Name	CASABEGLA, Louis J.														
Sheet	6	of	11	Attorney Docket Number	,0145.001										

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
		4,273,743		Barber	06-16-1981	
		4,297,841		Cheng	11-03-1981	
		4,313,300		Wilkes	02-02-1982	
		4,327,547		Hughes	05-04-1982	
		4,377,067		Sternfeld	03-22-1983	
		4,425,755		Hughes	01-17-1984	
		4,426,842		Collet	01-24-1984	
		4,434,613		Stahl	03-06-1984	
		4,456,069		Vigneri	06-26-1984	
		4,465,023		Wagner	08-14-1984	
		4,498,289		Osgerby	02-12-1985	
		4,499,721		Cheng	02-19-1985	
		4,509,324		Urbach	04-09-1985	
		4,519,769		Tanaka	05-28-1985	
		4,528,811		Stahl	07-16-1985	
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		4,549,397		Cheng	10-29-1985	
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		4,631,914		Hines	12-30-1986	
		4,657,009		Zen	04-14-1987	

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Sheet	7	of	11	,0145.001													

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		Number	Kind Code ² (if known)			
		4,674,463		Duckworth	06-23-1987	
		4,680,927		Cheng	07-21-1987	
		4,716,737		Mandrin	01-05-1988	
		4,731,989		Furuya	03-22-1988	
		4,765,143		Crawford	08-23-1988	
		4,825,650		Hosford	05-02-1989	
		4,841,721		Patton	06-27-1989	
		4,845,940		Beer	07-11-1989	
		4,884,529		Byrnes	12-05-1989	
		4,899,537		Cheng	02-13-1990	
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		4,916,904		Ramsaier	04-17-1990	
		4,928,478		Maslak	05-29-1990	
		4,942,734		Markbreiter	07-24-1990	
		4,948,055		Belcher	08-14-1990	
		4,982,568		Kalina	01-08-1991	
		4,987,735		DeLong	01-29-1991	
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		5,055,030		Schirmer	10-08-1991	
		5,069,031		Shekleton	12-03-1991	

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Sheet	8	of	11	Application Number	10/716,004
				Filing Date	11/17/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3746
				Examiner Name	CASAREGOLA, Louis J.
				Attorney Docket Number	.0145.001

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		Number			
		5,088,450	Sternfeld	02-18-1992	
		5,103,630	Correa	04-14-1992	
		5,131,225	Roettger	07-21-1992	
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		5,265,410	Hisatome	11-30-1993	
		5,285,628	Korenberg	02-15-1994	
		5,304,356	Iijima	04-19-1994	
		5,329,758	Urbach	07-19-1994	
		5,353,589	Althaus	10-11-1994	
		5,363,642	Frutschi	11-15-1994	
		5,364,611	Iijima	11-15-1994	
		5,413,879	Domeracki	05-09-1995	
		5,417,053	Uji	05-23-1995	
		5,449,568	Micheli	09-12-1995	
		RE35,061	Correa	10-17-1995	
		5,473,899	Viteri	12-12-1995	
		5,479,781	Fric	01-02-1996	
		5,482,791	Shingai	01-09-1996	

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				Application Number	10/716,004
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		Number	Kind Code ² (if known)			
		5,490,377		Janes	02-13-1996	
		5,491,969		Cohn	02-20-1996	
		5,511,971		Benz	04-30-1996	
		5,535,584		Janes	07-16-1996	
		5,541,014		Micheli	07-30-1996	
		5,557,936		Drnevich	09-24-1996	
		5,572,861		Shao	11-12-1996	
		5,581,997		Janes	12-10-1996	
		5,590,518		Janes	01-07-1997	
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		5,617,719		Ginter	04-08-1997	
		5,628,184		Santos	05-13-1997	
		5,636,980		Young	06-10-1997	
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		5,678,408		Janes	10-21-1997	
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		5,687,560		Janes	11-18-1997	
		5,709,077		Beichel	01-20-1998	

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		Number	Kind Code ² (if known)			
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		5,724,805		Golomb	03-10-1998	
		5,761,896		Dowdy	06-09-1998	
		5,802,840		Wolf	09-08-1998	
		5,852,925		Prasad	12-29-1998	
		5,906,806		Clark	05-25-1999	
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		5,968,680		Wolfe	10-19-1999	
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		5,997,595		Yokohama	12-07-1999	
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		6,206,684		Mueggenburg	03-27-2001	
		6,247,316		Viteri	06-19-2001	
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		6,598,398		Viteri	07-29-2003	
		6,607,854		Rehg	08-19-2003	

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